Narika product name:

Genecon V3

Product Description:

Hand-held DC Generator (up to 3V)

Catalog Number:
B10-2634-W0
B10-2634-X0
(Pack of 10pcs)

Keywords:

- Electricity Generation
- Motor
- Power Source Experiments with Circuit, Electromagnetism, Electrolysis and others

Specifications

- Size : 115 x 140 x 43mm
- Weight: approx. 120g
- Material : Polycarbonate
- Cable: 1m (with alligator clips)
- Output: Max. DC 3V
- Motor: Mabuchi Motor

Overall advantages to users:

- Upper limit of generated voltage is on purpose set low (up to 3V) in order to prevent unexpected breakage of any accessory like a miniature incandescent bulb.
- Several kinds of dedicated adapters (miniature incandescent bulb, etc.) are available to use by directly connected with Genecon V3.
- Easy-to-use and durable product to generate electricity by just turning its handle.
- Multiple Genecon can be used as generators simultaneously and connected in series or in parallel to power up some equipment.
- Versatile product to be used as a generator, motor, or power supply, etc.
- Replacement gear set sold separately in case gear inside breaks or is worn out.

Benefits to users:

- **To all users:**
  - Amount of electric energy generated can be easily changed depending on the rotation speed of the handle.
  - Product is not a black box because the inner structure is visible through its transparent body.
  - Many accessories available to expand possible experiments that can be used with this product.
- **To teachers:**
  - Possible to use for students' demonstration with no worry about breakage (e.g. miniature incandescent bulbs).
  - Less efforts required to explain to students due to the user-friendliness of the product.
  - Far more durable and less prone to breakage than other similar products because of high endurance material (polycarbonate) used.
- **To students:**
  - Easy to connect each type of dedicated adapters alternately for studnets' better and easier understanding on electric generation, electricity strage, energy efficinecy, etc.
  - Hands-on experience is possible through torque-change of the handle depending on total resistance in the circuit, which leads to students' deeper understanding on how resistance varies depending on circuit pattern (series or parallel).